

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent application of: ARNTZEN, et al.

For: VACCINES EXPRESSED IN PLANTS

the specification of which is being transmitted herewith.

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450


Dear Sir:

Attached are Forms PTO/SB/08A and 08B (formerly Form PTO-1449) listing the relevant art known to the applicant herein. The Examiner is requested to consider the references and make them of record. This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior continuation application of U. S. Serial No. 09/816,846 filed March 23, 2001, which is a continuation of U. S. Serial No. 09/593,908 filed June 14, 2000, which is a continuation of U. S. Serial No. 09/111,330 filed July 7, 1998, which is a continuation of U. S. Serial No. 08/479,742 filed June 6, 1995, which is a divisional of U. S. Serial No. 08/026,393 filed March 4, 1993, which issued as U. S. Patent No. 5,612,487 on March 4, 1993, which itself is a continuation-in-part of co-pending PCT application Serial No. PCT/US94/02332 filed March 4, 1994 (designating US) which

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is a continuation-in-part of co-pending application Serial No. 08/026,393 filed March 4, 1993, which itself is a continuation-in-part of Serial No. 07/750,049 filed August 26, 1991 (now abandoned). This application is also a continuation-in-part of application Serial No. 08/156,508 filed November 23, 1993, which issued as U. S. Patent No. 5,484,719 on January 16, 1996.

Applicants disclose herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose. Legible copies of all items listed in Forms PTO/SB/08A and 08B (formerly Form PTO-1449) accompany this information statement, except those identified above.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

Respectfully submitted,



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Section 2. Form PTO - 1449 (Modified)

**FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
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INFORMATION DISCLOSURE**

**STATEMENT BY APPLICANT
(Use several sheets if necessary)
(37 CFR 1.98(b))**

**ATTY. DOCKET NO.
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**SERIAL NO.
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**APPLICANTS
ARNTZEN, ET AL.**

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**GROUP
1641**

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,428,941	01/84	GALIBERT ET AL.	C07C	103/52	
	4,920,209	04/90	DAVIS ET AL.	C12N	7/00	06/04/87
	4,940,835	07/10/90	SHAH, ET AL.	900	205	07/07/85
	4,956,282	09/11/90	GOODMAN ET AL.	435	59.51	
	5,324,646	06/94	BUISING ET AL.	C12N	15/00	01/06/92
	5,316,931	05/94	DONSON ET AL.	C12N	15/83	07/31/92
	5,484,719	01/16/96	LAM ET AL.	435	172.3	
	5,654,184	08/05/97	CURTISS	435	172.3	
	5,679,880	10/21/97	CURTISS	800	205	
	5,686,079	11/11/97	CURTISS	424	234.1	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

DOCUMENT NUMBER	PUBLI- CATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
WO 87/00865	02/12/87	PCT	C12P	21/00	
EP 0 235 391A	09/09/87	EPO	C07K	13/00	
EP 0 278 541	01/14/88	EPO	C12	15/00	
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WO 94/20135	09/15/94	PCT	A61K	39/00	
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Section 2. Form PTO - 1449 (Modified)

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Section 2. Form PTO-1449 (Modified)

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Section 2. Form PTO - 1449 (M dified)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))	ATTY. DOCKET NO. P00245USE	SERIAL NO. (cont. f 09/593,908)
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